

# ABSTRACT

A near-infrared absorbing filter which does not contain antimony, arsenic or the like and is excellent in heat resistance is disclosed. The near-infrared absorbing filter is characterized by containing a compound composed of a salt of cations obtained by oxidizing a substance represented by the formula (1) below and anions (X), which are alkylsulfonate ions having 1-8 carbon atoms that are necessary for neutralizing the cations and not substituted or may be substituted with a halogen atom, a lower alkyl group, a cyano group, or a hydroxy group. (1) (in the formula (1), rings A and B may have a substituent, and  $R_1$ - $R_8$  independently represent a substituted or non-substituted (C1 to C8) alkyl group, cycloalkyl group, alkenyl group or aryl group.)

